

COUNTRY Germany (Russian Zone)

CONFIDENTIAL

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SUBJECT Production at the Oberspreewerk, Berlin

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1. Recent personnel changes at the Oberspreewerk include the return to Russia of Akulin, head of the oscillograph section, and the resignation of Freitag and Kantorowski (German nationals), both of the tube development section. Lorenz, the German co-director of the production plant has been offered a similar position in Russia.
2. By September 1949 the Oberspreewerk is to deliver 10,000 of the following type of radio tubes to SAG Pribor for the manufacture of superheterodyne sets: 6 SA 7, 6 Q 7, 6 H 6, 6 L 6, 6 V 6, 6 E 5, 6 J 6, 5 Z 4.
3. An agreement has been reached whereby the Oberspreewerk is to supply Yugoslavia with the following: an unknown quantity of radio tubes 6 AC 7 and 6 AG 7, and
 - 14,000 stabilizers
 - 60,000 neon lights
 - 2,000 thermal resistors
 - 250,000 layer resistors (approximately)
 - 500 mercury high pressure tubes (150, 200, and 300 watt, costing 100-150 DM each)
 - 500 spectral lamps (filled with sodium vapor, cadmium vapor, helium gas, or zinc vapor, costing 100 DM each)
 - 500 neon tubes at 160 DM each
4. The production of tungsten and molybdenum wire at the Oberspreewerk is to be increased to 8 million meters of tungsten wire a month, and 6 million meters of molybdenum wire a month. At the present time the production facilities, even on three shifts, are insufficient, though the raw materials are available. The Oberspreewerk uses 500,000 meters of tungsten wire and 250,000 meters of molybdenum wire a month. The surplus wire is to be sold to other firms in the Russian zone.
5. The artificial diamond dies* developed at Oberspreewerk are proving satisfactory in laboratory tests, and are being used for drawing wire 0.01 mm to 0.1 mm diameter.
6. At the present time a 36-section fusion machine for radio tubes is being developed. Work on the development of radar equipment has been resumed.

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* *Comment:* The original reads "Sinterkorundsteine" - synthetic sapphire?)

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letter of 16 October 1978 from the
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